

**STATE OF WASHINGTON  
DEPARTMENT OF FISH & WILDLIFE  
LANDS AND RESTORATION SERVICES PROGRAM  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)**

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Powell
<b>River System:</b> Sol Duc	<b>Date:</b> 1/27/98
<b>Site Identifier:</b> S-307L-02	<b>WRIA:</b> 20.0307 B (P)
<b>River Mile Location:</b> 0.72 mi (hip chained)	<b>RB/LB:</b> LB
<b>Local Name:</b> Barbed Creek	<b>Trib. to:</b> Shuwah Cr (20.0307)
<b>Legal Description:</b> SW¼ Sec15 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace tributary	
<b>Landowner:</b> <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Bloedel Timber	

**Directions to site:**

Access to this channel has not been directly explored. It is a left bank channel that is ~0.7 miles upstream of the Shuwah egress. Starting at Forks (Tillicum Park), drive north on Highway 101 for 1.8 miles to Whitcomb-Diimmel Road. Take a right on this road and follow for ~0.7 miles to a logging road gate on the right (key can be obtained through Bloedel Timber). The following directions (for Bloedel logging roads) are estimated using aerial photos. Go straight (east) through the gate for 0.65 miles. At this point the road goes to the left (north) and there is a culvert crossing (Tassel Creek). Follow this main road (to the north) for ~3.9 miles. There should be an obvious Y in the road (north & east). Go straight (north) ~0.1 mi to the clear-cut edge - on the left. S-307L-02 originates and flows along this edge.

**Site Overview:**

This is a small diverse channel which may offer high water refuge in the lower reach. The lower reach has wetland characteristics which are partially feed by higher gradient flows. In the mid to upper reach, the channel is entrenched and gains gradient.

**Habitat Information:**

**Water source:** Tributaries and terrace runoff

**Intermittent/year-around:**

- Probably intermittent

**Estimated flows (cfs):** 0.75

**Water temperatures:** Did not take

**Adjacent stream temperature:** 7.0° C (20.0307)

**Other water observations:**

- The whole river system has high flows due to recent rainfall.

**Site area measurements:** ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel- 0.3 m - 1.0 m Ponds- NA Wetlands- 1.5 - 3

Depths: Channel- 2.5 cm - 8 cm Ponds- NA Wetlands- NA

Total length (includes ponds and wetlands): 410 m

**Total existing habitat area (est.):** 365 m<sup>2</sup>

Spawning area: 0

Impounded area: 0

Other rearing area: 365 m<sup>2</sup>

**Spawning Habitat conditions:** ☒ None ☐ Poor ☐ Fair ☐ Good ☐ Excellent

**Describe spawning habitat:**

- This channel has a fine sediment substrate with traces of gravel.

**Rearing habitat conditions:** ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

**Describe pond and other rearing habitat:**

- The rearing area is primarily in the lower reach.
- The lower reach braids through a wooded wetland.
- Upstream of the wetland, the channel flows along a forested wall base.
- The channel progressively gains gradient from the mid to upper reaches.
- The mid and upper reaches are flanked by clear-cuts. The channel is brushy with the RMZ blown down in sections.
- This is a small channel and low flow may be a limiting factor.

**Describe inaccessible habitat:**

**Describe wetland:** ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☒ Forested Wetland

- The lower reach braids through alder, brush, sedges and water parsley.

**Flooding potential:** ☒ Low ☐ Medium ☐ High

**Fish Information:**

**Site entry condition to (Shuwah Cr. 20.0307):** ☐ Poor ☒ Fair ☐ Good

- The channel has an open egress into Shuwah Cr.

**Coho access and use:**

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

**Other species access and use:** ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- Resident trout would likely use this channel if low flow is not a problem.

**Habitat Improvements:**

**Enhancement opportunities:** None recommended

**Additional Comments:**

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

☒ Aerials

☒ Sketch

☒ Maps

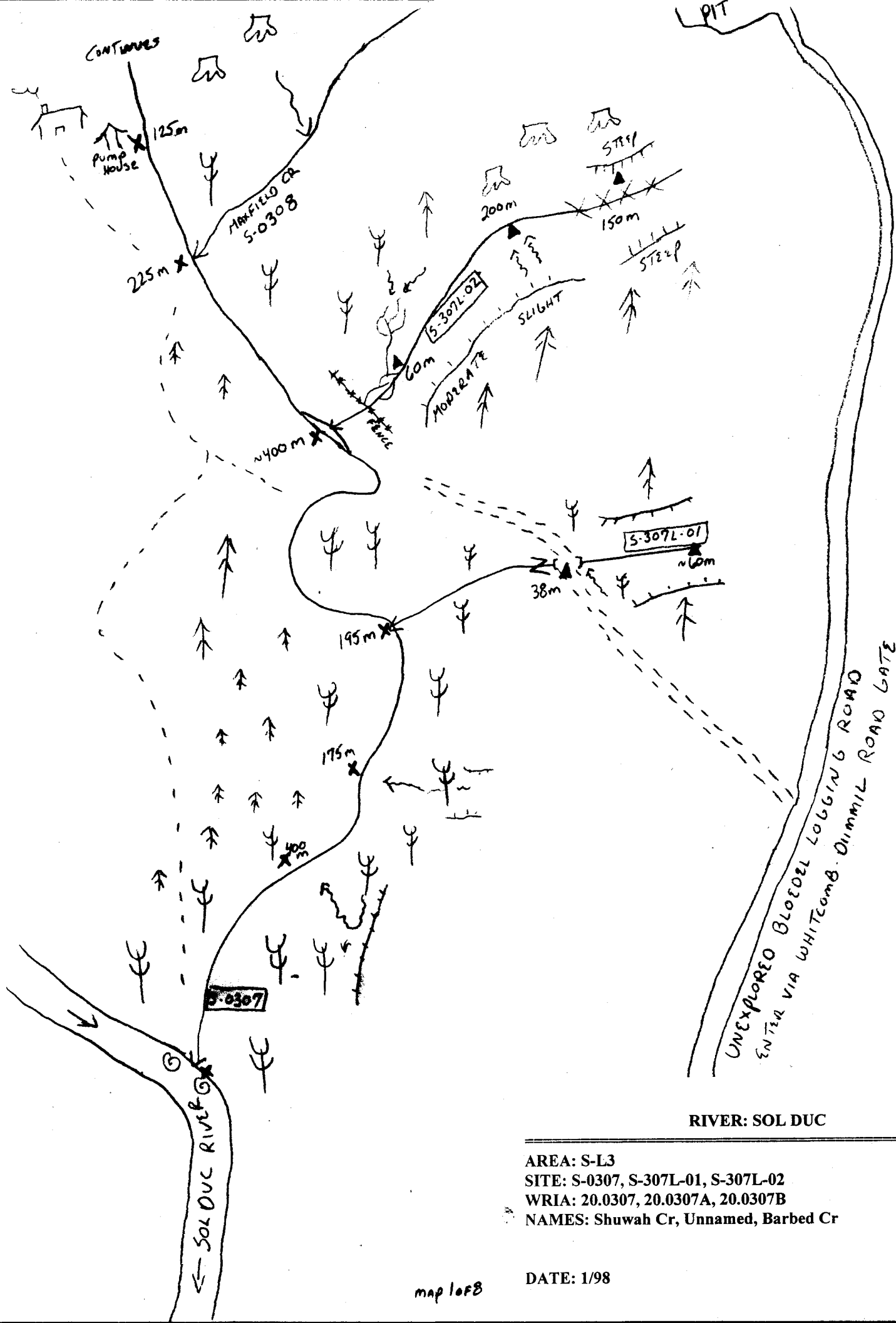
☐ Culvert Report

☐ Other references

☐ Spawning surveys

☐ Juvenile trapping

☐ Fishway Report



RIVER: SOL DUC

AREA: S-L3

SITE: S-0307, S-307L-01, S-307L-02

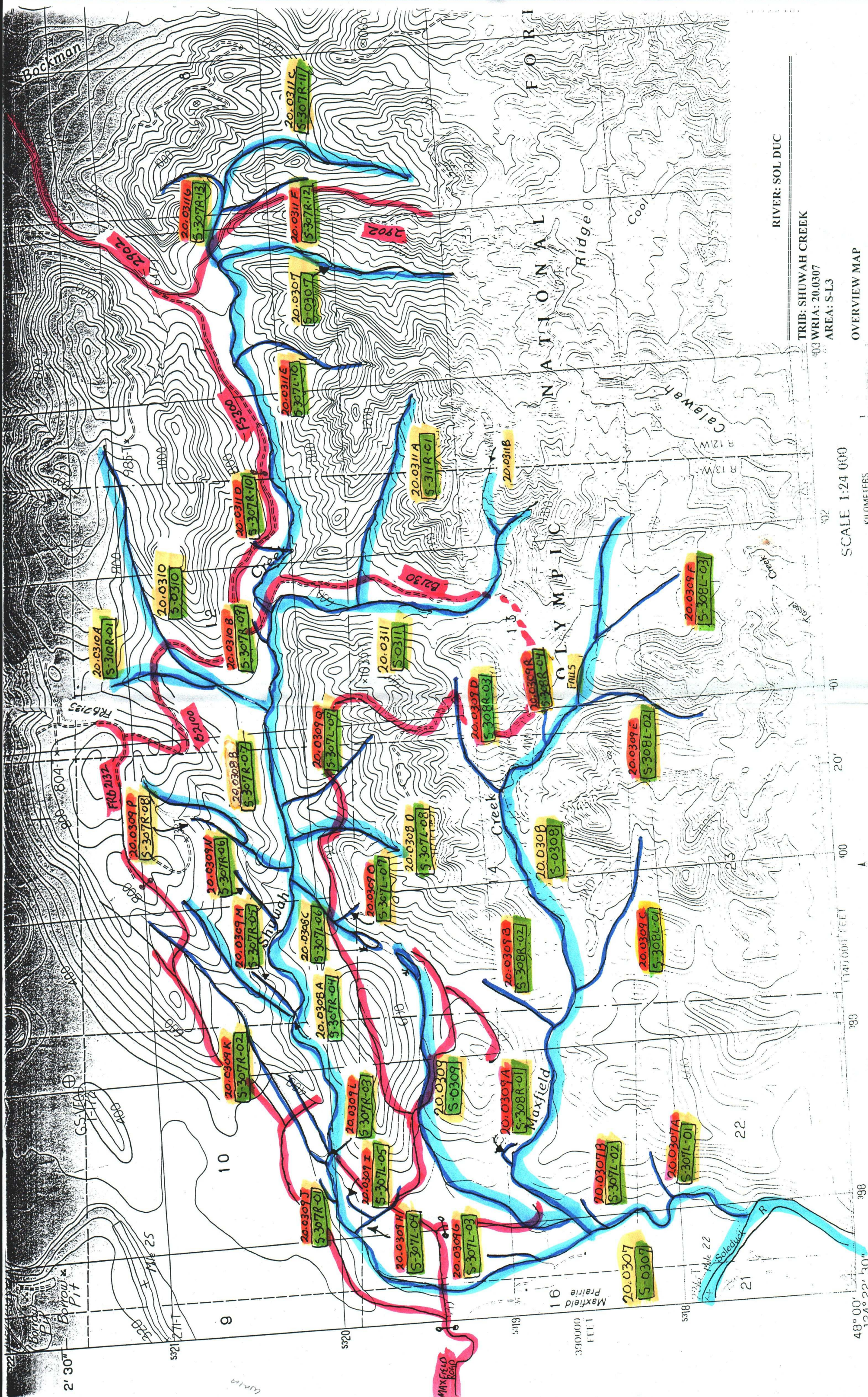
WRIA: 20.0307, 20.0307A, 20.0307B

NAMES: Shuwah Cr, Unnamed, Barbed Cr

DATE: 1/98

map 1 of 8





RIVER: SOL DUC

TRIB: SHUWAH CREEK

WRIA: 20.0307

AREA: S-L3

OVERVIEW MAP

1998

SCALE 1:24 000

KILOMETERS  
METERS

48° 00' 124° 22' 30"

UNITED STATES GEOLOGICAL SURVEY



# RIVER: SOL DUC RIVER

AREA: S-L3

AREA MAP

9/96

